



FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known:

Application No. 09/935,998
Filing Date August 23, 2001
First Named Inventor Malcolm J. Simons
Examiner Name Sisson, Bradley J.
Art Unit 1634
Attorney Docket No. 05493.P001

☐ Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: _____

☒ The Director is Authorized to do the following with respect to the above-identified Deposit Account:

☐ Charge fee(s) indicated below.

☒ Credit any overpayments.

☒ Charge any additional fees during the pendency of this application.

☒ Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

☐ Charge fee(s) indicated below except for the filing fee.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Code	Fee (\$)	Code	Fee (\$)		
1001	770	2001	385	Utility application filing fee	_____
1002	340	2002	170	Design application filing fee	_____
1003	530	2003	265	Plant filing fee	_____
1004	770	2004	385	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____

SUBTOTAL (1) \$ _____

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	_____	- 20** = _____	X _____	= _____
Independent Claims	_____	- 3** = _____	X _____	= _____
Multiple Dependent	_____		_____	= _____

**Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description
Code	Fee (\$)	Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 180.00

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

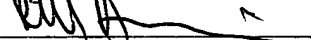
<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1813	8,800	1813	8,800	Request for inter parties reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	For filing a submission after final rejection (see 37 CFR 1.129(a))	
1814	110	2814	55	Statutory Disclaimer	
1810	770	2810	385	For each additional invention to be examined (see 37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505	300	1505	300	Publication fee for republication	
1803	130	1803	130	Request for voluntary publication or republication	
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454	1,330	1454	1,330	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 180.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Richard A. NakashimaSignature:  Date: January 21, 2004Reg. Number: 42, 023 Telephone Number: (303) 740-1980

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



1634

Attorney's Docket No. 005493.P001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:)
)
Malcolm J. Simons) Examiner: Sisson, Bradley L.
)
Application No.: 09/935,998) Art Unit: 1634
)
Filed: August 23, 2001)
)
For: **INTRON SEQUENCE ANALYSIS**)
METHOD FOR DETECTION OF)
ADJACENT AND REMOTE LOCUS)
ALLELES AS HAPLOTYPES)
_____)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that I am causing the above-referenced correspondence to be deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and that this paper or fee has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313

Date of Deposit: January 21, 2004

Name of Person Mailing Correspondence: Debbie Peloquin

Debbie Peloquin
Signature

January 21, 2004
Date

01/27/2004 YPOLITE1 00000043 09935998

01 FC:1806

180.00 OP

Docket No.: 005493.P001
Application No.: 09/935,998

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

_____ 37 C.F.R. §1.97(b).

X_____ 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

_____ A statement pursuant to 37 C.F.R. §1.97(e) or

X_____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: January 21, 2004



Richard A. Nakashima
Reg. No. 42, 023

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1030
(303) 740-1980



Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/935,998
Filing Date	08/23/2001
First Named Inventor:	Malcolm J. Simons
Art Unit	1634
Examiner Name	Sisson, Bradley L.
Attorney Docket Number	5493.P001

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of

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NON PATENT LITERATURE DOCUMENTS

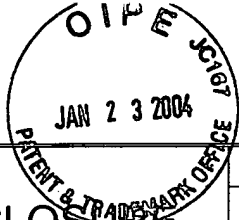
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		ROGER L. DAWKINS, "CONCLUSIONS AND PROPOSALS FOR FUTURE WORKSHOPS", HUMAN IMMUNOLOGY, VOL. 38, PAGES 83-85, (1993).	
		DEGLI-ESPOSTI, ET AL., "UPDATED CHARACTERIZATION OF THE FOURTH ANCESTRAL HAPLOTYPES USING ASIA-OCEANIA HISTOCOMPATIBILITY WORKSHOP PANEL", HUMAN IMMUNOLOGY VOL. 44, PAGES 12-18 (1995).	
		DEGLI-ESPOSTI, ET AL., "CHARACTERIZATION OF 4AOHW CELL LINE PANEL INCLUDING NEW DATA FOR THE 10IHW PANEL", HUMAN IMMUNOLOGY VOL. 38, PAGES 3-16, (1993).	
		GAVRILIDIS, ET AL., "HLA DRB1 LOCUS SEQUENCE TYPING", GENETYPE, MELBOURNE, VICTORIA.	
		HARANO, ET AL., "HEMOGLOBIN ABNORMALITIES IN A BLACK FAMILY WITH HB S, HEREDITARY PERSISTENCE OF HB F, AND A γ CHAIN VARIANT; A REEVALUATION THROUGH GENE MAPPING", HEMOGLOBIN, VOL.8 (6), PAGES 549-568, (1984).	
		LAWRENCE, ET AL., "NEONATAL LUPUS IN TWINS", SOUTHERN MEDICAL JOURNAL, VOL. 82, No. 5, 1989, PAGES 657-660.	
		LIMM, ET AL., "HLA-DQA1 ALLELE AND SUBALLELE TYPING USING NONCODING SEQUENCE POLYMORPHISMS APPLICATION TO 4AOHW CELL PANEL TYPING", HUMAN IMMUNOLOGY VOL. 38, PAGES 57-68 (1993).	
		LU, ET AL., "LINKAGE OF A NASOPHARYNGEAL CARCINOMA SUSCEPTIBILITY LOCUS TO THE HLA REGIONS", NATURE VOL. 346, PAGES 470-471 (1990).	
		MCGINNIS, ET AL., "ANCIENT HIGHLY POLYMORPHIC HUMAN MAJOR HISTOCOMPATIBILITY COMPLEX DQA1 INTRON SEQUENCES", AMERICAN JOURNAL OF MEDICAL GENETICS VOL. 52, PAGES 438-444, (1994).	
		NAKATSUJI, ET AL., "FETAL HEMOGLOBIN VARIANTS IDENTIFIED IN ADULTS THROUGH RESTRICTION ENDONUCLEASE GENE MAPPING METHODOLOGY", BLOOD, VOL. 66, No. 4, 1985, PAGES 803-807.	
		NAUGHTON, ET AL., "DPB1 LOCUS PCR-RFLP TYPING OF THE FOURTH ASIA-OCEANIA HISTOCOMPATIBILITY WORKSHOP CELL PANEL REVEALS A NOVEL DPB1 ALLELE", EUROPEAN JOURNAL OF IMMUNOGENETICS, VOL. 21, PAGES 351-364, (1994).	

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for Form 1449/PTO

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STATEMENT BY APPLICANT**

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Application Number	09/935,998
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Art Unit	1634
Examiner Name	Sisson, Bradley L.
Attorney Docket Number	5493.P001

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		SIMONS, ET AL., "HLA HAPLOTYPING USING NON-CODING POLYMORPHISMS", 4 TH CHROMOSOME 6 WORKSHOP, (1999).	
		SIMONS, ET AL., 1996 ANNUAL SCIENCE MEETING, ASEATTA,	
		SIMONS, ET AL., "DONOR REACTIVE ALLOANTIBODIES AUTO-ANTIBODIES REVISITED ASEATTA QUALITY CONTROL TRANSPLANTATION IN THAILAND", VOL. 20, No. 2 (1995).	
		SIMONS, ET AL., "STRATEGY FOR DEFINITION OF DR/DQ HAPLOTYPES IN THE 4AOHW CELL PANEL USING NONCODING SEQUENCE POLYMORPHISMS", HUMAN IMMUNOLOGY, VOL 38, PAGES 69-74 (1993).	
		VARNEY, ET AL., "POLYMORPHISM IN THE REGULATORY REGIONS OF HLA-DPB1",	
		ZENG, ET AL., "HEREDITARY PERSISTENCE OF FETAL HEMOGLOBIN OR ($\delta\beta$) ^o - THALASSEMIA: THREE TYPES OBSERVED IN SOUTH-CHINESE FAMILIES", BLOOD, VOL. 66, No. 6, 1985, PAGES 1430-1435.	

Examiner

Signature

Date

Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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